

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) A base station for use in a multi-network connection communication system comprising:

connection decision means for making a decision as to whether a mobile station is to be connected to a carrier network or a private network; and

means for connecting said mobile station to said carrier network or said private network in accordance with the decision result,

wherein said base station further comprises:

means for broadcasting pro or con ~~characteristics~~ of a private network service [[offered]] by said base station;

means for registering and managing addresses of mobile stations that use the base station as the private network; and

means for receiving a packet from a mobile station or the carrier network, the packet having a terminating address,

wherein said connection decision means decides whether the terminating address of said packet is registered in said means for registering and managing, and decides whether said packet is to be transmitted to a mobile station or the carrier network based on said pro or con

~~characteristics~~ of the private network service and whether the terminating address of said packet is registered, and

said means for connecting transmits said packet to the mobile station or the carrier network based on the decision result of said connection decision means.

Claims 2-7. (Cancelled).

Claim 8. (Currently Amended) A connecting method for use in a base station for use in a multi-network connection communication system comprising:

a connection decision step of making a decision as to whether a mobile station is to be connected to a carrier network or a private network; and

a step of connecting said mobile station to said carrier network or said private network in accordance with the decision result,

wherein said method further comprises:

a step of broadcasting pro or con ~~characteristics~~ of a private network service [[offered]] by said base station;

a step of registering addresses of mobile stations that use the base station as the private network in a means for registering and managing the addresses; and

a step of receiving a packet from a mobile station or the carrier network, the packet having a terminating address,

wherein said connection decision step decides whether the terminating address of said packet is registered in said means for registering and managing, and decides whether said packet is to be transmitted to a mobile station or the carrier network based on said

pro or con characteristics of the private network service and whether the terminating address of said packet is registered, and
said step of connecting transmits said packet to the mobile station or the carrier network based on the decision result of said connection decision step.

Claims 9-14. (Cancelled).

Claim 15. (Currently Amended) The base station as claimed in claim 1, wherein said base station further comprises service area decision means for making a decision of a service area based on said packet, and

said connection decision means decides whether said packet is to be transmitted to a mobile station or the carrier network based on said pro or con characteristics of the private network service, whether the terminating address of said packet is registered, and the decision result of said service area decision means.

Claim 16. (Previously Presented) The base station as claimed in claim 1, wherein said connection decision means decides to transmit said packet to the carrier network, if the terminating address of said packet is not registered in said means for registering and managing.

Claim 17. (Previously Presented) The base station as claimed in claim 1, wherein said means for receiving receives a packet from a mobile station.

Claim 18. (Previously Presented) The base station as claimed in claim 1, wherein said means for receiving receives a packet from the carrier network.

Claim 19. (Previously Presented) The base station as claimed in claim 1, wherein

said base station further comprises means for receiving a registration request for using the base station as the private network from a mobile station, and

said means for registering and managing registers and manages an address of the mobile station that transmits the registration request.

Claim 20. (Currently Amended) The method as claimed in claim 8, wherein said method further comprises a service area decision step of making a decision of a service area based on said packet, and

said connection decision step decides whether said packet is to be transmitted to a mobile station or the carrier network based on said pro or con characteristics of the private network service, whether the terminating address of said packet is registered, and the decision result of said service area decision step.

Claim 21. (Previously Presented) The method as claimed in claim 8, wherein said connection decision step decides to transmit said packet to the carrier network, if the terminating address of said packet is not registered in said means for registering and managing.

Claim 22. (Previously Presented) The method as claimed in claim 8, wherein said step of receiving receives a packet from a mobile station.

Claim 23. (Previously Presented) The method as claimed in claim 8, wherein said step of receiving receives a packet from the carrier network.

Claim 24. (Previously Presented) The method as claimed in claim 8, wherein said method further comprises a step of receiving a registration request for using the base station as the private network from a mobile station, and said means for registering and managing registers and manages an address of the mobile station that transmits the registration request.

Claim 25. (Currently Amended) A multi-network connection communication system comprising:

connection decision means for making a decision as to whether a mobile station is to be connected to a carrier network or a private network; and

means for connecting said mobile station to said carrier network or said private network in accordance with the decision result,

wherein said system further comprises:

means for broadcasting pro or con ~~characteristics~~ of a private network service [[offered]] by said system ~~base station~~;

means for registering and managing addresses of mobile stations that use the system ~~base station~~ as the private network; and

means for receiving a packet from a mobile station or the carrier network, the packet having a terminating address,

wherein said connection decision means decides whether the terminating address of said packet is registered in said means for registering and managing, and decides whether said packet is to be transmitted to a mobile station or the carrier network based on said pro or con characteristics of the private network service and whether the terminating address of said packet is registered, and

said means for connecting transmits said packet to the mobile station or the carrier network based on the decision result of said connection decision means.